

What is claimed is:

1. A heating apparatus comprising a heater and a flexible, thermal conductive member, which contacts with the heater, and wherein an object being heated is brought into contact with the thermal conductive member to be heated.

2. The heating apparatus according to claim 1, further comprising therein a space, in which a container containing a gas or a liquid is received.

3. An heating apparatus comprising a heater, a detachable container, through which a gas or a liquid flows, and a flexible, thermal conductive member, which contacts with the heater, and wherein the container is brought into contact with the thermal conductive member to heat a gas or a liquid.

4. The heating apparatus according to any one of claims 1 to 3, wherein the thermal conductive member is made of a silicone resin.